



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/759,481 Confirmation No. 7575
Applicant : Navratil, et al.
Filed : January 16, 2004
TC/A.U. : 2829
Examiner : Tang, Minh Nhut
Docket No. : 1016.2025
Customer No. : 00152
Title : PROBE STATION WITH TWO PLATENS

**INFORMATION DISCLOSURE STATEMENT
IN ACCORDANCE WITH 37 CFR §1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith eleven sheets of Form PTO-1449 (Modified) listing the patents and non-patent publications of which Applicants are aware and which Applicants desire to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(c)(2), this Information Disclosure Statement is being submitted after the mailing date of a first Office Action on the merits of the above-identified application. Accordingly, enclosed is the required fee of \$180.

In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

07/31/2007 FHEK11 00000071 10162025 180.00 OP
01 FC:1806

The Examiner is requested to initial Form PTO-1449 and return an acknowledgment copy to the Applicant to confirm that the listed references were received and considered.

The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

Respectfully submitted,

CHERNOFF, VILHAUER, McCLUNG & STENZEL

By: 

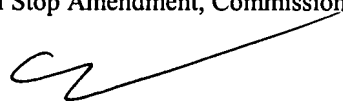
Kevin L. Russell, Reg. No. 38,292
1600 ODS Tower
601 SW Second Avenue
Portland, OR 97204
Tel: 503-227-5631
Fax: 503-228-4373

Dated: July 27, 2007

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1415, Washington, D.C. 20231, on July 27, 2007.

Dated: July 27, 2007


Kevin L. Russell

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/759,481
Filing Date	January 16, 2004
First Named Inventor	Navratil, et al.
Art Unit	2829
Examiner Name	Tang, Minh Nhut
Attorney Docket Number	1016.2025

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 1,337,866	4/20/1920	Whitacker, Dec'd	
		US- 2,142,625	1/03/1939	Zoethout	
		US- 2,376,101,	5/15/1945	Tyzzer	
		US- 3,193,712	7/06/1965	Harris	
		US- 3,230,299	1/18/1966	Radziekowski	
		US- 3,484,679	12/16/1969	Hodgson et al.	
		US- 3,609,539	9/28/1971	Gunthert	
		US- 3,700,998	10/24/1972	Lee et al.	
		US- 3,710,251	1/09/1973	Hagge et al.	
		US- 3,714,572	1/30/1973	Ham et al.	
		US- 3,740,900	6/26/1973	Youmans et al.	
		US- 3,858,212	12/31/1974	Tompkins et al.	
		US- 3,866,093	02/11/1975	Kusters et al.	
		US- 3,952,156	4/20/1976	Lahr	
		US- 3,970,934	7/20/1976	Aksu	
		US- 3,976,959	8/24/1976	Gaspari	
		US- 3,992,073	11/16/1976	Buchoff et al.	
		US- 4,072,576	2/07/1978	Arwin et al.	
		US- 4,093,988	6/06/1978	Scott	
		US- 4,099,120	7/04/1978	Aksu	
		US- 4,115,735	9/19/1978	Stanford	
		US- 4,135,131	1/16/1979	Larsen et al.	
		US- 4,275,446	6/23/1981	Blaess	
		US- 4,277,741	7/07/1981	Faxvog et al.	
		US- 4,284,682	8/18/1981	Tshirch et al.	
		US- 4,287,473	9/01/1981	Sawyer	
		US- 4,327,180	4/27/1982	Chen	
		US- 4,330,783	5/18/1982	Toia	
		US- 4,357,575	11/02/1982	Uren et al.	
		US- 4,376,920	3/15/1983	Smith	
		US- 4,383,217	5/10/1983	Shiell	
		US- 4,401,945	8/30/1983	Juengel	
		US- 4,425,395	1/10/1984	Negishi et al.	
		US- 4,453,142	6/05/1984	Murphy	
		US- 4,468,629	8/28/1984	Choma, Jr.	
		US- 4,487,996	12/11/1984	Rabinowitz et al.	
		US- 4,515,133	5/07/1985	Roman	
		US- 4,515,439	5/07/1985	Esswein	
		US- 4,528,504	7/09/1985	Thornton, Jr. et al.	
		US- 4,552,033	11/12/1985	Marzhauser	
		US- 4,567,321	1/28/1986	Harayama	
		US- 4,588,950	5/13/1986	unknown	
		US- 4,621,169	11/04/1986	Petinelli et al.	
		US- 4,626,618	12/02/1986	Takaoka et al.	
		US- 4,641,659	2/10/1987	Sepponen	
		US- 4,642,417	2/10/1987	Ruthrof et al.	
		US- 4,646,005	2/24/1987	Ryan	
		US- 4,651,115	3/17/1987	Wu	

	US- 4,684,883	8/04/1987	Ackerman et al.	
	US- 4,691,163	9/01/1987	Blass et al.	
	US- 4,697,143	9/29/1987	Lockwood et al.	
	US- 4,705,447	11/10/1987	Smith	
	US- 4,711,563	12/08/1987	Lass	
	US- 4,713,347	12/15/1987	Mitchell et al.	
	US- 4,722,846	9/20/1988	Reeds	
	US- 4,725,793	2/16/1988	Igarashi	
	US- 4,727,637	3/1/1988	Buckwitz et a.	
	US- 4,742,571	5/03/1988	Letron	
	US- 4,744,041	5/10/1988	Strunk et al.	
	US- 4,746,857	5/24/1988	Sakai et al.	
	US- 4,754,239	6/28/1988	Sedivec	
	US- 4,755,747	7/05/1988	Sato	
	US- 4,755,874	7/05/1988	Esrig et al.	
	US- 4,757,255	7/12/1988	Margozzi	
	US- 4,766,384	8/23/1988	Kleinberg et al.	
	US- 4,780,670	10/25/1988	Cherry	
	US- 4,791,363	12/13/1988	Logan	
	US- 4,795,962	1/03/1989	Yanagawa et al.	
	US- 4,805,627	2/21/1989	Klingenbeck et al.	
	US- 4,812,754	3/14/1989	Tracy et al.	
	US- 4,827,211	5/02/1989	Strid et al.	
	US- 4,831,494	5/16/1989	Arnold et al.	
	US- 4,839,587	6/13/1989	Flatley et al.	
	US- 4,849,689	7/18/1989	Gleason et al.	
	US- 4,853,624	8/01/1989	Rabjohn	
	US- 4,853,627	8/01/1989	Gleason et al.	
	US- 4,859,989	8/22/1989	McPherson	
	US- 4,864,227	9/05/1989	Sato	
	US- 4,871,883	10/03/1989	Guiol	
	US- 4,891,584	1/02/1990	Kamieniecki et al.	
	US- 4,893,914	1/16/1990	Hancock et al.	
	US- 4,894,612	1/16/1990	Drake et al.	
	US- 4,904,935	2/27/1990	Calma et al.	
	US- 4,916,398	4/10/1990	Rath	
	US- 4,918,383	4/17/1990	Huff et al.	
	US- 4,922,128	5/01/1990	Dhong et al.	
	US- 4,922,186	5/01/1990	Tsuchiya et al.	
	US- 4,929,893	5/29/1990	Sato et al.	
	US- 5,001,423	3/19/1991	Abrami et al.	
	US- 5,030,907	7/09/1991	Yih et al.	
	US- 5,041,782	8/20/1991	Marzan	
	US- 5,045,781	9/03/1991	Gleason et al.	
	US- 5,061,823	10/29/1991	Carroll	
	US- 5,066,357	11/19/1991	Smyth Jr. et al.	
	US- 5,082,627	1/21/1992	Stanbro	
	US- 5,084,671	1/28/1992	Miyata et al.	
	US- 5,089,774	2/18/1992	Nakano	
	US- 5,091,732	2/25/1992	Mileski et al.	
	US- 5,091,692	2/25/1992	Ohno et al.	
	US- 5,095,891	3/17/1992	Reitter	
	US- 5,097,207	3/17/1992	Blanz	
	US- 5,107,076	4/21/1992	Bullock et al.	
	US- 5,136,237	8/04/1992	Smith et al.	
	US- 5,142,224	8/25/1992	Smith et al.	
	US- 5,159,264	10/27/1992	Anderson	
	US- 5,159,267	10/27/1992	Anderson	
	US- 5,159,752	11/03/1992	Mahant-Shetti et al.	
	US- 5,160,883	11/3/1992	Blanz	
	US- 5,164,319	11/17/1992	Hafeman et al.	
	US- 5,166,606	11/24/1992	Blanz	
	US- 5,172,049	12/15/1992	Kiyokawa et al.	
	US- 5,172,051	12/15/1992	Zamborelli	

	US- 5,187,443	2/16/1993	Bereskin	
	US- 5,198,752	3/30/1993	Miyata et al.	
	US- 5,198,753	3/30/1993	Hamburgen	
	US- 5,202,558	4/13/1993	Barker	
	US- 5,214,243	5/25/1993	Johnson	
	US- 5,214,374	5/25/1993	St. Onge	
	US- 5,225,037	7/06/1993	Elder et al.	
	US- 5,227,730	7/13/1993	King et al.	
	US- 5,232,789	8/03/1993	Platz et al.	
	US- 5,233,197	8/03/1993	Bowman et al.	
	US- 5,233,306	8/03/1993	Misra	
	US- 5,245,292	9/14/1993	Milesky et al.	
	US- 5,266,889	11/30/1993	Harwood et al.	
	US- 5,267,088	11/30/1993	Nomura	
	US- 5,270,664	12/14/1993	McMurtry et al.	
	US- 5,274,336	12/28/1993	Crook et al.	
	US- 5,280,156	1/18/1994	Niori et al.	
	US- 5,298,972	3/29/1994	Heffner	
	US- 5,304,924	4/19/1994	Yamano et al.	
	US- 5,315,237	5/24/1994	Iwakura et al.	
	US- 5,321,453	6/14/1994	Mori et al.	
	US- 5,357,211	10/18/1994	Bryson et al.	
	US- 5,363,050	11/08/1994	Guo et al.	
	US- 5,369,368	11/29/1994	Kassen et al.	
	US- 5,373,231	12/13/1994	Boll et al.	
	US- 5,374,938	12/20/1994	Hatazawa et al.	
	US- 5,376,790	12/27/1994	Linker et al.	
	US- 5,397,855	3/14/1995	Ferlier	
	US- 5,404,111	4/04/1995	Mori et al.	
	US- 5,408,188	4/18/1995	Katoh	
	US- 5,408,189	4/18/1995	Swart et al.	
	US- 5,412,330	5/02/1995	Ravel et al.	
	US- 5,412,866	5/09/1995	Woith et al.	
	US- 5,414,565	5/09/1995	Sullivan et al.	
	US- 5,422,574	6/06/1995	Kister	
	US- 5,451,884	9/19/1995	Sauerland	
	US- 5,457,398	10/10/1995	Schwindt et al.	
	US- 5,467,024	11/14/1995	Swapp	
	US- 5,469,324	11/21/1995	Henderson et al.	
	US- 5,475,316	12/12/1995	Hurley et al.	
	US- 5,477,011	12/19/1995	Singles et al.	
	US- 5,478,748	12/26/1995	Akins, Jr. et al.	
	US- 5,479,109	12/26/1995	Lau et al.	
	US- 5,481,196	1/02/1996	Nosov	
	US- 5,488,954	2/6/1996	Sleva et al.	
	US- 5,493,070	2/20/1996	Habu	
	US- 5,493,236	2/20/1996	Ishii et al.	
	US- 5,500,606	3/19/1996	Holmes	
	US- 5,505,150	4/09/1996	James et al.	
	US- 5,506,498	4/09/1996	Anderson et al.	
	US- 5,506,515	4/09/1996	Godshalk et al.	
	US- 5,510,792	4/23/1996	Ono et al.	
	US- 5,511,010	4/23/1996	Burns	
	US- 5,512,835	4/30/1996	Rivera et al.	
	US- 5,521,522	5/28/1996	Abe et al.	
	US- 5,523,694	6/4/1996	Cole, Jr.	
	US- 5,528,158	6/18/1996	Sinsheimer et al.	
	US- 5,530,372	6/25/1996	Lee et al.	
	US- 5,539,323	7/23/1996	Davis, Jr.	
	US- 5,539,676	7/23/1996	Yamaguchi	
	US- 5,565,788	10/15/1996	Burr et al.	
	US- 5,565,881	10/15/1996	Phillips et al.	
	US- 5,569,591	10/29/1996	Kell et al.	
	US- 5,578,932	11/26/1996	Adamian	

	US- 5,583,445	12/10/1996	Mullen	
	US- 5,584,608	12/17/1996	Gillespie	
	US- 5,600,256	2/04/1997	Woith et al.	
	US- 5,610,529	3/11/1997	Schwindt	
	US- 5,617,035	4/01/1997	Swapp	
	US- 5,628,057	5/06/1997	Phillips et al.	
	US- 5,631,571	5/20/1997	Spaziani et al.	
	US- 5,633,780	5/27/1997	Cronin	
	US- 5,642,298	6/24/1997	Mallory et al.	
	US- 5,644,248	7/01/1997	Fujimoto	
	US- 5,653,939	8/05/1997	Hollis et al.	
	US- 5,656,942	8/12/1997	Watts et al.	
	US- 5,659,421	8/19/1997	Rahmel et al.	
	US- 5,666,063	9/09/1997	Abercrombie et al.	
	US- 5,670,322	9/23/1997	Eggers et al.	
	US- 5,672,816	9/30/1997	Park et al.	
	US- 5,675,499	10/07/1997	Lee et al.	
	US- 5,675,932	10/14/1997	Mauney	
	US- 5,704,355	1/06/1998	Bridges	
	US- 5,715,819	2/10/1998	Svenson et al.	
	US- 5,731,920	3/24/1998	Katsuragawa	
	US- 5,744,971	4/28/1998	Chan et al.	
	US- 5,748,506	5/05/1998	Bockelman	
	US- 5,751,252	5/12/1998	Phillips	
	US- 5,767,690	6/16/1998	Fujimoto	
	US- 5,777,485	7/07/1998	Tanaka et al.	
	US- 5,792,668	8/11/1998	Fuller et al.	
	US- 5,793,213	8/11/1998	Bockelman et al.	
	US- 5,794,133	8/11/1998	Kashima	
	US- 5,804,982	9/08/1998	Lo et al.	
	US- 5,804,983	9/08/1998	Nakajima et al.	
	US- 5,807,107	9/15/1998	Bright et al.	
	US- 5,824,494	10/20/1998	Feldberg	
	US- 5,829,437	11/03/1998	Bridges	
	US- 5,831,442	11/03/1998	Heigl	
	US- 5,833,601	11/10/1998	Swartz et al.	
	US- 5,841,288	11/24/1998	Meaney et al.	
	US- 5,846,708	12/08/1998	Hollis et al.	
	US- 5,847,569	12/8/1998	Ho et al.	
	US- 5,848,500	12/15/1998	Kirk	
	US- 5,852,232	12/22/1998	Samsavar et al.	
	US- 5,854,608	12/29/1998	Leisten	
	US- 5,867,073	2/02/1999	Weinreb et al.	
	US- 5,874,361	2/23/1999	Collins et al.	
	US- 5,883,523	3/16/1999	Ferland et al.	
	US- 5,888,075	3/30/1999	Hasegawa et al.	
	US- 5,892,539	4/06/1999	Colvin	
	US- 5,896,326	2/09/1999	Hofmann	
	US- 5,900,737	5/04/1999	Graham et al.	
	US- 5,903,143	5/11/1999	Mochizuki et al.	
	US- 5,905,421	5/18/1999	Oldfield	
	US- 5,910,727	6/08/1999	Fujihara et al.	
	US- 5,916,689	6/29/1999	Collins et al.	
	US- 5,944,093	8/31/1999	Viswanath	
	US- 5,945,836	8/31/1999	Sayre et al.	
	US- 5,949,383	9/07/1999	Hayes et al.	
	US- 5,949,579	9/7/1999	Baker	
	US- 5,970,429	10/19/1999	Martin	
	US- 5,974,662	11/02/1999	Eldridge et al.	
	US- 5,981,268	11/09/1999	Kovacs et al.	
	US- 5,993,611	11/30/1999	Moroney III et al.	
	US- 5,995,914	11/30/1999	Cabot	
	US- 5,996,102	11/30/1999	Haulin	
	US- 5,998,768	12/07/1999	Hunter et al.	

	US- 5,999,268	12/07/1999	Yonezawa et al.	
	US- 6,001,760	12/14/1999	Katsuda et al.	
	US- 6,002,426	12/14/1999	Back et al.	
	US- 6,013,586	1/11/2000	McGhee et al.	
	US- 6,019,612	2/01/2000	Hasegawa et al.	
	US- 6,028,435	2/22/2000	Nikawa	
	US- 6,031,383	2/29/2000	Streib et al.	
	US- 6,032,714	3/07/2000	Fenton	
	US- 6,034,533	3/07/2000	Tervo et al.	
	US- 6,037,785	3/14/2000	Higgins	
	US- 6,049,216	4/11/2000	Yang et al.	
	US- 6,051,422	4/18/2000	Kovacs et al.	
	US- 6,052,653	4/18/2000	Mazur et al.	
	US- 6,054,869	4/25/2000	Hutton et al.	
	US- 6,060,888	5/09/2000	Blackham et al.	
	US- 6,060,892	5/09/2000	Yamagata	
	US- 6,061,589	5/09/2000	Bridges et al.	
	US- 6,064,213	5/16/2000	Khandros et al.	
	US- 6,064,217	5/16/2000	Smith	
	US- 6,064,218	5/16/2000	Godfrey et al.	
	US- 6,066,911	5/23/2000	Lindemann et al.	
	US- 6,078,183	6/20/2000	Cole, Jr.	
	US- 6,091,236	7/18/2000	Piety et al.	
	US- 6,091,255	7/18/2000	Godfrey	
	US- 6,096,567	8/01/2000	Kaplan et al.	
	US- 6,100,815	8/08/2000	Pailthorp	
	US- 6,104,206	8/15/2000	Verkuil	
	US- 6,114,865	9/05/2000	Lagowski et al.	
	US- 6,118,287	9/12/2000	Boll et al.	
	US- 6,118,894	9/12/2000	Schwartz et al.	
	US- 6,124,725	9/26/2000	Sato	
	US- 6,127,831	10/03/2000	Khoury et al.	
	US- 6,137,302	10/24/2000	Schwindt	
	US- 6,144,212	11/07/2000	Mizuta	
	US- 6,147,502	11/14/2000	Fryer et al.	
	US- 6,147,851	11/14/2000	Anderson	
	US- 6,160,407	12/12/2000	Nikawa	
	US- 6,166,553	12/26/2000	Sinsheimer	
	US- 6,169,410	1/02/2001	Grace et al.	
	US- 6,172,337	1/09/2001	Johnsgard et al.	
	US- 6,175,228	1/16/2001	Zamborelli et al.	
	US- 6,176,091	3/30/1965	Hanson et al.	
	US- 6,181,144	1/30/2001	Hembree et al.	
	US- 6,181,149	1/30/2001	Godfrey et al.	
	US- 6,181,297	1/30/2001	Leisten	
	US- 6,181,416	1/30/2001	Falk	
	US- 6,184,845	2/06/2001	Leisten et al.	
	US- 6,191,596	2/20/2001	Abiko	
	US- 6,194,720	2/27/2001	Li et al.	
	US- 6,211,663	4/3/2001	Moulthrop et al.	
	US- 6,211,837	4/03/2001	Crouch et al.	
	US- 6,215,295	4/10/2001	Smith III	
	US- 6,222,031	4/24/2001	Wakabayashi et al.	
	US- 6,229,327	5/08/2001	Boll et al.	
	US- 6,232,787	5/15/2001	Lo et al.	
	US- 6,232,788	5/15/2001	Schwindt et al.	
	US- 6,233,613	5/15/2001	unknown	
	US- 6,236,223	5/22/2001	Brady et al.	
	US- 6,242,929	6/05/2001	Mizuta	
	US- 6,245,692	6/12/2001	Pearce et al.	
	US- 6,251,595	6/26/2001	Gordon et al.	
	US- 6,257,564	7/10/2001	Avneri et al.	
	US- 6,265,950	7/24/2001	Schmidt et al.	
	US- 6,271,673	8/07/2001	Furuta et al.	

	US- 6,275,738	8/14/2001	Kasevich et al.	
	US- 6,278,051	8/21/2001	Peabody	
	US- 6,278,411	8/21/2001	Ohlsson et al.	
	US- 6,281,691	8/28/2001	Matsunaga et al.	
	US- 6,292,760	9/18/2001	Burns	
	US- 6,300,775	10/09/2001	Peach et al.	
	US- 6,307,672	10/23/2001	DeNure	
	US- 6,310,483	10/30/2001	Taura et al.	
	US- 6,320,372	11/20/2001	Keller	
	US- 6,320,396	11/20/2001	Nikawa	
	US- 6,327,034	12/04/2001	Hoover et al.	
	US- 6,335,625	1/01/2002	Bryant et al.	
	US- 6,340,568	1/22/2002	Hefti	
	US- 6,340,895	1/22/2002	Uher et al.	
	US- 6,359,456	3/19/2002	Hembree et al.	
	US- 6,362,792	3/26/2002	Sawamura et al.	
	US- 6,366,247	4/02/2002	Sawamura et al.	
	US- 6,369,776	4/09/2002	Leisten et al.	
	US- 6,376,258	4/23/2002	Hefti	
	US- 6,384,614	5/07/2002	Hager et al.	
	US- 6,395,480	5/28/2002	Hefti	
	US- 6,396,296	5/28/2002	Tartar et al.	
	US- 6,396,298	5/28/2002	Young et al.	
	US- 6,400,168	6/04/2002	Matsunaga et al.	
	US- 6,404,213	7/11/2002	Noda	
	US- 6,407,562	6/18/2002	Whiteman	
	US- 6,409,724	6/25/2002	Penny et al.	
	US- 6,414,478	7/02/2002	Suzuki	
	US- 6,415,858	7/09/2002	Getchel et al.	
	US- 6,418,009	7/09/2002	Brunette	
	US- 6,420,722	7/16/2002	Moore et al.	
	US- 6,424,316	7/23/2002	Leisten et al.	
	US- 6,447,339	9/10/2002	Reed et al.	
	US- 6,448,788	9/10/2002	Meaney et al.	
	US- 6,459,739	10/01/2002	Vitenberg	
	US- 6,476,442	11/05/2002	Williams et al.	
	US- 6,480,013	11/12/2002	Nayler et al.	
	US- 6,481,939	11/19/2002	Gillespie et al.	
	US- 6,483,327	11/19/2002	Bruce et al.	
	US- 6,488,405	12/03/2002	Eppes et al.	
	US- 6,490,471	12/03/2002	Svenson et al.	
	US- 6,512,482	1/28/2003	Nelson et al.	
	US- 6,528,993	3/04/2003	Shin et al.	
	US- 6,529,844	3/04/2003	Kapetanac et al.	
	US- 6,548,311	4/15/2003	Knoll	
	US- 6,549,022	4/15/2003	Cole, Jr. et al.	
	US- 6,549,106	4/15/2003	Martin	
	US- 6,566,079	5/20/2003	Hefti	
	US- 6,573,702	6/03/2003	Marcuse et al.	
	US- 6,578,264	6/17/2003	Gleason et al.	
	US- 6,580,283	6/17/2003	Carbone et al.	
	US- 6,582,979	6/24/2003	Coccioli et al.	
	US- 6,587,327	7/01/2003	Devoe et al.	
	US- 6,603,322	8/05/2003	Boll et al.	
	US- 6,605,951	8/12/2003	Cowan	
	US- 6,605,955	8/12/2003	Costello et al.	
	US- 6,608,494	8/19/2003	Bruce et al.	
	US- 6,611,417	8/26/2003	Chen	
	US- 6,617,862	9/09/2003	Bruce	
	US- 6,621,082	9/16/2003	Morita et al.	
	US- 6,627,461	9/30/2003	Chapman et al.	
	US- 6,628,503	9/30/2003	Sogard	
	US- 6,628,980	9/30/2003	Atalar et al.	
	US- 6,633,174	10/14/2003	Satya et al.	

	US- 6,636,182	10/21/2003	Mehlretter	
	US- 6,639,461	10/28/2003	Tam et al.	
	US- 6,643,597	11/04/2003	Dunsmore	
	US- 6,653,903	11/25/2003	Leich et al.	
	US- 6,657,601	12/02/2003	McLean	
	US- 6,701,265	3/02/2004	Hill et al.	
	US- 6,707,548	3/16/2004	Kreimer et al.	
	US- 6,710,798	3/23/2004	Hershel et al.	
	US- 6,717,426	4/06/2004	Iwasaki	
	US- 6,724,205	4/20/2004	Hayden et al.	
	US- 6,724,928	4/20/2004	Davis	
	US- 6,727,716	4/27/2004	Sharif	
	US- 6,731,804	5/04/2004	Carrieri et al.	
	US- 6,734,687	5/11/2004	Ishitani et al.	
	US- 6,737,920	5/18/2004	Jen et al.	
	US- 6,744,268	6/01/2004	Hollman	
	US- 6,753,679	6/22/2004	Kwong et al.	
	US- 6,753,699	6/22/2004	Stockstad	
	US- 6,768,328	7/27/2004	Self et al.	
	US- 6,770,955	8/03/2004	Coccioli et al.	
	US- 6,771,806	8/03/2004	Satya et al.	
	US- 6,778,140	8/17/2004	Yeh	
	US- 6,784,679	8/31/2004	Sweet et al.	
	US- 6,788,093	9/07/2004	Aitren et al.	
	US- 6,794,888	9/21/2004	Kawaguchi et al.	
	US- 6,794,950	9/21/2004	Du Toit et al.	
	US- 6,798,226	9/28/2004	Altmann et al.	
	US- 6,806,724	10/19/2004	Hayden et al.	
	US- 6,806,836	10/19/2004	Ogawa et al.	
	US- 6,809,533	10/26/2004	Anlage et al.	
	US- 6,812,718	11/02/2004	Chong et al.	
	US- 6,822,463	11/23/2004	Jacobs	
	US- 6,838,885	1/04/2005	Kamitani	
	US- 6,856,129	2/15/2005	Thomas et al.	
	US- 6,864,694	3/08/2005	McTigue	
	US- 6,914,244	7/05/2005	Alani	
	US- 6,914,580	7/05/2005	Leisten	
	US- 6,937,341	8/30/2005	Woodlam et al.	
	US- 6,970,001	11/29/2005	Chheda et al.	
	US- 6,987,483	1/17/2006	Tran	
	US- 7,019,544	3/28/2006	Jacobs et al.	
	US- 7,019,701	3/28/2006	Ohno et al.	
	US- 7,030,827	4/18/2006	Mahler et al.	
	US- 7,088,981	8/08/2006	Chang	
	US- 7,096,133	8/22/2006	Martin et al.	
	US- 7,187,188	3/06/2007	Andrews et al.	
	US- 7,188,037	3/06/2007	Hidehira	
	US- 2001/0002794	6/07/2001	Draving et al.	
	US- 2001/0009377	7/26/2001	Schwindt et al.	
	US- 2001/0010468	8/02/2001	Gleason et al.	
	US- 2001/0020283	9/06/2001	Sakaguchi	
	US- 2001/0024116	9/27/2001	Draving	
	US- 2001/0030549	10/18/2001	Gleason et al.	
	US- 2001/0043073	11/22/2001	Montoya	
	US- 2001/0044152	11/22/2001	Burnett	
	US- 2001/0045511	11/29/2001	Moore et al.	
	US- 2001/0054906	12/27/2001	Fujimura	
	US- 2002/0005728	1/17/2002	Babson et al.	
	US- 2002/0008533	1/24/2002	Ito et al.	
	US- 2002/0009377	1/24/2002	Shafer	
	US- 2002/0009378	1/24/2002	Obara	
	US- 2002/0011859	1/31/2002	Smith et al.	
	US- 2002/0011863	1/31/2002	Takahashi et al.	
	US- 2002/0050828	5/02/2002	Seward, IV et al.	

	US- 2002/0070743	6/13/2002	Felici et al.	
	US- 2002/0070745	6/13/2002	Johnson et al.	
	US- 2002/0079911	6/27/2002	Schwindt	
	US- 2002/0118034	8/29/2002	Laureanti	
	US- 2002/0149377	10/17/2002	Hefti et al.	
	US- 2002/0153909	10/24/2002	Petersen et al.	
	US- 2002/0163769	11/07/2002	Brown	
	US- 2002/0168659	11/14/2002	Hefti et al.	
	US- 2002/0180466	12/05/2002	Hiramatsu et al.	
	US- 2002/0197709	12/26/2002	Van der Weide et al.	
	US- 2003/0010877	1/16/2003	Landreville et al.	
	US- 2003/0057513	3/27/2003	Leedy	
	US- 2003/0062915	4/03/2003	Arnold et al.	
	US- 2003/0030822	2/13/2003	Finarov	
	US- 2003/0032000	2/13/2003	Liu et al.	
	US- 2003/0040004	2/27/2003	Hefti et al.	
	US- 2003/0072549	4/17/2003	Facer et al.	
	US- 2003/0077649	4/24/2003	Cho et al.	
	US- 2003/0088180	5/08/2003	VanVeen et al.	
	US- 2003/0119057	6/26/2003	Gascoyne et al.	
	US- 2003/0139662	7/24/2003	Seidman	
	US- 2003/0139790	7/24/2003	Ingle et al.	
	US- 2003/0155939	8/21/2003	Lutz et al.	
	US- 2003/0170898	9/11/2003	Gunderson et al.	
	US- 2003/0184332	10/02/2003	Tomimatsu et al.	
	US- 2004/0015060	1/22/2004	Samsoondar et al.	
	US- 2004/0021475	2/05/2004	Ito et al.	
	US- 2004/0061514	4/01/2004	Schwindt et al.	
	US- 2004/0066181	4/08/2004	Thies	
	US- 2004/0069776	4/15/2004	Fagrell et al.	
	US- 2004/0090223	5/13/2004	Yonezawa	
	US- 2004/0095145	5/20/2004	Boudiaf et al.	
	US- 2004/0095641	5/20/2004	Russum et al.	
	US- 2004/0100276	5/27/2004	Fanton	
	US- 2004/0100297	5/27/2004	Tanioka et al.	
	US- 2004/0108847	6/10/2004	Stoll et al.	
	US- 2004/0113640	6/17/2004	Cooper et al.	
	US- 2004/0130787	7/08/2004	Thome-Forster et al.	
	US- 2004/0132222	7/08/2004	Hembree et al.	
	US- 2004/0134899	7/15/2004	Hiramatsu et al.	
	US- 2004/0147034	7/29/2004	Gore et al.	
	US- 2004/0162689	8/19/2004	Jamneala et al.	
	US- 2004/0175294	9/09/2004	Ellison et al.	
	US- 2004/0186382	9/23/2004	Modell et al.	
	US- 2004/0193382	9/30/2004	Adamian et al.	
	US- 2004/0197771	10/07/2004	Powers et al.	
	US- 2004/0199350	10/7/2004	Blackham et al.	
	US- 2004/0207072	10/21/2004	Hiramatsu et al.	
	US- 2004/0207424	10/21/2004	Hollman	
	US- 2004/0239338	12/02/2004	Johnsson et al.	
	US- 2004/0246004	12/09/2004	Heuermann	
	US- 2004/0251922	12/16/2004	Martens et al.	
	US- 2005/0024069	2/03/2005	Hayden et al.	
	US- 2005/0026276	2/03/2005	Chou	
	US- 2005/0030047	2/10/2005	Adamian	
	US- 2005/0054029	3/10/2005	Tomimatsu et al.	
	US- 2005/0062533	3/24/2005	Vice	
	US- 2005/0083130	4/21/2005	Grilo	
	US- 2005/0101846	5/12/2005	Fine et al.	
	US- 2005/0156675	7/21/2005	Rohde et al.	
	US- 2005/0164160	7/28/2005	Gunter et al.	
	US- 2005/0165316	7/28/2005	Lowery et al.	
	US- 2005/0168722	08/04/2005	Forstner et al.	
	US- 2005/0174191	08/11/2005	Brunker et al.	

		US- 2005/0178980	8/18/2005	Skidmore et al.	
		US- 2005/0195124	9/08/2005	Puente Baliarda et al.	
		US- 2005/0236587	10/27/2005	Kodama et al.	
		US- 2005/0237102	10/27/2005	Tanaka	
		US- 2006/0052075	3/09/2006	Galivanche et al.	
		US- 2006/0155270	7/13/2006	Hancock et al.	
		US- 2006/0226864	10/12/2006	Kramer	
		US-2007/0024506	2/01/2007	Hardacker	
		US- 2007/0030021	2/08/2007	Cowan et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^d
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		DE 3637549	05-11-1988	Rosenberger		
		DE 10000324	07-19-2001	Roesler		
		DE 19522774	01-02-1997	Scharff		
		CN 1083975	03-16-1994	Wenmiao et al.		
		EP 0 945 736	9-29-1999	Ebinger		
		JP 62-11243	01-20-1987	Ozawa et al.		
		JP 1-165968	06-29-1989	Nakajima et al.		
		JP 1-214038	08-28-1989	Nakajima		
		JP 1-219575	09-01-1989	Sato		
		JP 1-296167	11-29-1989	Nakajima		
		JP 3-175367	07-30-1991	Okada		
		JP 3-196206	08-27-1991	Matsumura et al.		
		JP 2001-189285	7-10-2001	Billig et al.		
		JP 2001-189378	07-10-2001	Arai et al.		
		JP 60-71425	03-15-1994	Shiraishi et al.		
		JP 53-052354	05-12-1978	Shimizu		
		JP 56-007439	01-26-1981	Hayafuji et al.		
		JP 63-143814	06-16-1988	Watanabe et al.		
		JP 55-115383	09-05-1980	Kitayama et al.		
		JP 57-075480	05-12-1982	Sekido		
		JP 2-124469	05-11-1990	Nishiyama		
		JP 53-037077	04-05-1978	Shimizu		
		JP 11-023975	01-29-1999	Otomo et al.		
		JP 2002-243502	08-28-2002	Takanashi		
		JP 62-098634	05-08-1987	Matsumoto et al.		
		JP 63-318745	12-27-1988	Miyata		
		JP 51-57790	06-25-1993	Kato et al.		
		JP 51-66893	07-02-1993	Kato et al.		
		JP 7-005078	01-10-1995	Kato		
		JP 10-116866	05-06-1998	Matsuoka		
		JP 3-228348	10-09-1991	Takemura		
		JP 4-159043	06-02-1992	Sugano et al.		
		JP 4-206930	07-28-1992	Nakajima et al.		
		JP 5-082631	04-02-1993	Takemura		
		JP 8-330401	12-13-1996	Okubo		
		JP 57-163035	10-07-1982	Suzuki et al.		
		JP 62-107937	05-19-1987	Horiuchi		
		JP 4-130639	05-01-1992	Nakajo		
		JP 56-88333	07-17-1981	Itou et al.		
		JP 62-239050	10-19-1987	Nasu et al.		
		JP 7-12871	01-17-1995	Takagi		
		JP 8-35987	02-06-1996	Tawara		
		JP 8-261898	10-11-1996	Matsumoto		
		JP 2000-329664	11-30-2000	Hamada		
		JP 2001-124676	05-11-2001	Kuroda et al.		
		JP 6-132709	05-13-1994	Seki		
		JP 2002-203879	07-19-2002	Inoue		
		JP 2-191352	07-27-1990	Mitsui et al.		

		JP 2-22836	01-25-1990	Uchida		
		JP 4-340248	11-26-1992	Ono		
		JP 6-102313	04-15-1994	Nakajima		
		JP 62-51235	03-05-1987	Sato		
		JP 63-108736	05-13-1988	Arata		
		JP 63-129640	06-02-1988	Itoyama		
		JP 6-85044	03-25-1994			
		SU 843040	6-30-1981	Bobryshev et al.		
		SU 1392603	04-30-1988	Bobryshev et al.		
		WO 2005/062025	07-07-2005	Russman		
		WO 2004/079299	09-16-2004	Merckel et al.		
		WO 2004/065944	08-05-2004	Garbow		
		WO 01/69656	09-20-2001	Tillman et al.		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
		MARK S. BOGUSKI AND MARTIN W. MCINTOSH, "Biomedical informatics for proteomics," insight: review article, Nature 422, 233-237 (2003); doi:10.1038/nature01515.				
		DANIEL VANDERWEIDE, "THz Frequency Science & Technology Biomolecular Interaction Sensing with Sub-Terahertz Fields," University of Wisconsin-Madison, 2 pages, date unknown				
		L.L. SOHN, O.A.SALEH, G.R. FACER, A.J. BEAVIS, R.S. ALLAN, and D.A. NOTTERMAN, "Capacitance cytometry: Measuring biological cells one by one," PNAS September 26, 2000, Vol. 97 No. 20 pp. 10687-10690, www.pnas.org.				
		SAM HANASH, "insight review articles, Disease proteomics," Nature, Vol. 422, March 13, 2003, pp. 226 – 232.				
		MIKE TYERS and MATTHIAS MANN, "insight overview, From genomics to proteomics," Nature, vol. 422, March 13, 2003, pp. 193 – 197.				
		ANDREJ SALI, ROBERT GLAESER, THOMAS EARNEST, and WOLFGANG BAUMEISTER, "insight: review article From words to literature in structural proteomics," Nature 422, 216-225 (2003); doi: 10.1038/nature01513.				
		RUEDI AEBERSOLD and MATTHIAS MANN, "insight review articles, Mass spectrometry-based proteomics," Nature, Vol. 422, March 13, 2003, pp. 198 – 207.				
		BARBARA MARTE, Senior Editor, "Nature insight Proteomics," Nature Vol. 422, March 13, 2003 pp. 191 – 194.				
		ERIC PHIZICKY, PHILIPPE I. H. BASTIAENS, HENG ZHU, MICHAEL SNYDER, and STANLEY FIELDS, "insight: review article Protein analysis on a proteomic scale," Nature 422, 208-215 (2003); doi: 10.1038/nature01512.				
		QINGQING LIANG, et al., "Accurate ac Transistor Characterization to 110 GHz Using a New Four-port Self-Calibrated Extraction Technique," IEEE, 2004 Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems, pp. 282 – 285.				
		FRANCESC PURROY and LLUIS PRADELL, "New Theoretical Analysis of the LRRM Calibration Technique for Vector Network Analyzers," IEEE Transactions on Instrumentation and Measurement, Vol. 50, No. 5, October 2001, pp. 1307 – 1313.				
		CHRISTOPHE RISACHER, et al., "Waveguide-to-Microstrip Transition With Integrated Bias-T," IEEE Microwave and Wireless Components Letters, Vol. 13, No. 7, July 2003, pp. 262 – 264.				
		SASWATA BASU and LEONARD HAYDEN, "An SOLR Calibration for Accurate Measurement of Orthogonal On-Wafer DUTS," 1997 IEEE MTT-S Digest, pp. 1335 – 1338.				
		J. MARTENS, "Multiport SOLR Calibrations: Performance and an Analysis of Some Standards Dependencies," pp. 205 – 213, Anritsu Company, 490 Jarvis Drive, Morgan Hill, CA 95037, jmartens@anritsu.com.				
		DEMING XU, LIPING LIU, and ZHIYAN JIANG, "Measurement of the Dielectric Properties of Biological Substances Using an Improved Open-Ended Coaxial Line Resonator Method," IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-35, No. 12, December 1987, pp. 1424 – 1428.				
		MOHAMMED NURUL AFSAR, JAMES R. BIRCH, and R. N. CLARKE, "The Measurement of the Properties of Materials," Proceedings of the IEEE, Vol. 74, No. 1, January 1986, pp. 183 – 199.				
		M.S. VENKATESH and G.S.V. RAGHAVAN, "An overview of dielectric properties measuring techniques," Volume 47, 2005, Canadian Biosystems Engineering, pp. 7.15 – 7.30				
		ANDRZEJ W. KRASZEWSKI, STUART O. NELSON, and TIAN-SU YOU, "Use of a Microwave Cavity for Sensing Dielectric Properties of Arbitrarily Shaped Biological Objects," IEEE Transactions on Microwave Theory and Techniques, Vol. 338, No. 7, July 1990, pp. 858 – 863.				
		LEONARD HAYDEN, "A Multi-Line TRL Calibration," February 2, 1994, 5 pages.				

		CHRISTOPHE SEGUINOT, et al., "Multimode TRL—A New concept in Microwave Measurements: Theory and Experimental Verification," IEEE Transactions On Microwave Theory and Techniques, Vol. 46, No. 5, May 1998, pp. 536 – 542.	
		ROBERTO TINTI, FRANZ SISCHKA, and CHRIS MORTON, "Proposed System Solution for 1/f Noise Parameter Extraction," Agilent Technologies Comms EDA, 1400 Fountaingrove Pkw, Santa Rosa, CA 95403, 7 pages.	
		ROBERT D. GROBER, ROBERT J. SCHOELKOPF, AND DANIEL E. PROBER, "Optical antenna: towards a unity efficiency near-field optical probe," Appl. Phys. Lett. 70 (11), March 17, 1997, 1997 American Institute of Physics, pp. 1354 – 1356.	
		CASCADE MICROTECH, "Probe Heads Care and cleaning of coaxial input microwave probes," Microwave Probe Care and Cleaning, Instruction Manual, Copyright 1990.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.